

## Patent Abstracts of Japan

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TITLE : MANUFACTURE OF DIAPHRAGM FOR SPEAKER

ABSTRACT : PURPOSE: To improve the adhesive strength by activating the surface by means of plasma after a base for a diaphragm comprising a polyolefin resin or its copolymer into the shape of diaphragm so as to improve the wettability of an adhesives.

CONSTITUTION: After the base for diaphragm comprising the polyolefin resin or its copolymer is formed in the shape of the diaphragm, the surface is activated by irradiating an inorganic gaseous plasma such as gaseous oxygen or gaseous nitrogen onto the surface. The gaseous plasma processing is applied to the surface, then the hydrogen or other element constituting the high polymer is desorbed, the wettability of the adhesives is improved through the production of polar functional group such as amino group and oxidizing group, thereby improving remarkably the adhesive property.

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